III. The laſt Argument is founded upon the learned and ingenious Mr. *Poleni*'s Experiment, wherein equal Cavities are formed in ſoft Subſtances, by equal Bodies falling from Heights reciprocally proportional to their Maſſes. This the Author ſets aſide, as inſufficient, ſince the Times of forming theſe equal Cavities are unequal, and unequal Cauſes may produce equal Effects in unequal Times. The learned Mr. *Poleni* does, indeed, reply, and ſay, that the Formation of theſe Cavities ſeems to be inſtantaneous: But the ingenious Author ſhews the contrary, and that from a Poſition allowed of by *Poleni* himſelf, in his Reply.

IX. *An Account of ſome remarkable Stones, taken out of the Kidneys of Mrs.* Felles, *upon opening her Body after her Deceaſe, by* Noah Sherwood, *Surgeon.*

UPON opening the Body of Mrs. *Felles*, I found nothing amiſs in any of the *Viſcera*, till I came to the Kidneys, both of which were conſiderably inlarged, and of an oblong Figure, and had ſeveral Protuberances bunching out, which made the Surface appear almoſt like a Beeve's Kidney. Upon feeling them externally, I could plainly perceive they were cauſed by Stones: I took them out of the Body, and laid them open Longitudinally, and found in the Right Kidney ſeveral Stones of an irregular Figure, branched like Coral: They had extended themſelves beyond the Capacity of the *Pelvis* on every Side, (al-

(although that was greatly inlarged, ſo as each of them to contain half a Pint of *Pus*, or more) forming for themſelves Cells in the *Parenchyma* of the Kidneys, which Cells were all ulcerated within, and full of Matter, communicating with the *Pelvis*; the whole Subſtance of the Kidneys was ſcirrhous. The Patient had long been troubled with grievous Pains of the Back, and had voided great Quantities of *Pus* with all the Urine ſhe made, ſo that there was no doubt of there being Ulcers in her Kidneys; and ſhe herſelf often declared there were Stones in the Kidneys, which, upon any Motion, ſhe could feel grate againſt each other. The Bladder and Ureters ſeemed to be leſs hurt by ſo long a Diſcharge of Matter than might reaſonably be expected, being only a little excoriated; and indeed leſs than I have found in other ſeemingly parallel Caſes, where the Matter has been of a more corroſive Nature; but in this Caſe it was thick and ſmooth.

The Left Kidney was likewiſe full of Matter, and contained only One Stone, larger than any of thoſe in the Right, nearly of a triangular Figure, with the Angles growing pointed at their Extremities.